



Technical Data Sheet

Pres-On PHB5100C (Clear) High Bond Acrylic Foam Tape

- Bonds to most clean dry surfaces instantly
- General purpose tape for glass and other clear substrates
- Used by frameless shower door installers to instantly adhere wipes and seals evenly and securely
- Continuous bond distributes stress over entire surface

GENERAL DESCRIPTION

PHB5100C

PHB5100C all acrylic construction provides the necessary durability and strength for extreme applications. As a pressure-sensitive 100% closed cell acrylic foam tape, it is designed to provide a superior bond between many different substrates, including glass and other clear materials. The foam creates a durable shield as it bonds and compensates for differential thermal expansion or contractions. Liquids can be sealed in or out. Cost savings are possible with labor and the final product may be lighter, quieter and more efficient.

APPLICATIONS

Shower door assembly, window and door, signage, graphics, appliances and other OEM applications to replace mechanical fasteners, rivets, screws and welds. Results in sleeker, seamless appearance of products that are lighter and more efficient. Also reduces labor and material costs.

STANDARD ROLL SIZES

All rolls available in widths from 3/16" to 17.5"

SERIAL NUMBER	THICKNESS	LENGTH	3M EQUIVALENT
PHB5110C	.010 inch	108 feet	--
PHB5120C	.020 inch	108 feet	3M4905
PHB5140C	.040 inch	108 feet	3M4910

CONSTRUCTION

SPECIFICATION

Backing	Acrylic Foam
Adhesive	Acrylic
Liner Type (outer)	Polyethylene (5 mil red polyethylene)
Foam Cell Type	Closed
Thickness (total)	10.00 mil 20.00 mil 40.00 mil
Color	Clear

PERFORMANCE**SPECIFICATION**

Peel Adhesion (90°) to Steel	15 lb/in
Dynamic Shear (after 72 hours)	100 oz/in ²
Max. Temperature Resistance	248° F
Tensile Strength to Aluminum	75.00 lbs/in ²
Water Resistant	Excellent
UV Resistant	Excellent
Solvent Resistant	Excellent

APPLICATION NOTES

Thoroughly clean contact surface before use. Once tape has been applied, it cannot be removed and reused. Therefore, position tape carefully, assuring that it is in contact with all surfaces. If tape is misaligned, remove used unit, discard and repeat application with new unit. Test product for system compatibility as individual application conditions can impact results. Pres-On does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.